A Three-dimensional Cadmium(II) Coordination Network Based on 1,3-Di-(1,2,4-triazole-4-yl)benzene: Synthesis, Structure and Luminescence properties

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Table S1 Selected bond distances (Å) and angles (º) for **1.**

Compound **1**					
Cd1–N1	2.442(6)	Cd1–N1A	2.442(6)	Cd1–N4	2.308(6)
Cd1–N4A	2.308(6)	Cd1–O1	2.553(6)	Cd1–O1A	2.553(6)
Cd1–O3	2.255(7)	Cd2–N2	2.299(6)	Cd2–N2B	2.299(6)
Cd2–N5	2.376(6)	Cd2–N5B	2.376(6)	Cd2–O1	2.317(6)
Cd2–O1B	2.317(6)				
N1−Cd1−N1A	159.5(3)	N1A−Cd1−O1A	72.8(2)	N1−Cd1−O1A	127.8(2)
N1A−Cd1−O1A	72.8(2)	N1A −Cd1−O1	127.8(2)	N4A−Cd1−N1A	86.7(2)
N4−Cd1−N1	86.7(2)	N4−Cd1−N1A	94.5(2)	N4A−Cd1−N1	94.5(2)
N4−Cd1−N4A	173.0(3)	N4−Cd1−O1A	88.3(2)	N4A−Cd1−O1A	85.5(2)
N4 A −Cd1−O1	88.3(2)	N4−Cd1−O1	85.5(2)	O1−Cd1−O1A	55.0(3)
O3−Cd1−N1	79.73(16)	O3−Cd1−N1A	79.73(16)	O3−Cd1−N4A	93.50(15)
O3−Cd1−N4	93.49(15)	O3−Cd1−O1	152.51(14)	O3−Cd1−O1A	152.51(14)
N2−Cd2−N2B	106.2(4)	N2−Cd2−N5B	161.9(2)	N2−Cd2−N5	86.8(2)
N2B−Cd2−N5	161.9(2)	N2B−Cd2−N5B	86.8(2)	N2−Cd2−O1B	84.5(2)
N2B−Cd2−O1B	75.8(2)	N2−Cd2−O1	75.8(2)	N2B−Cd2−O1	84.5(2)
N5−Cd2−N5B	83.6(3)	O1B−Cd2−N5B	86.7(2)	O1−Cd2−N5	86.7(2)
O1−Cd2−N5B	118.8(2)	O1B−Cd2−N5	118.8(2)	O1−Cd2−O1B	147.0(4)

Symmetry codes: A $-y+3/2, -x+3/2, -z+3/2$; B $y, x, -z+1$.

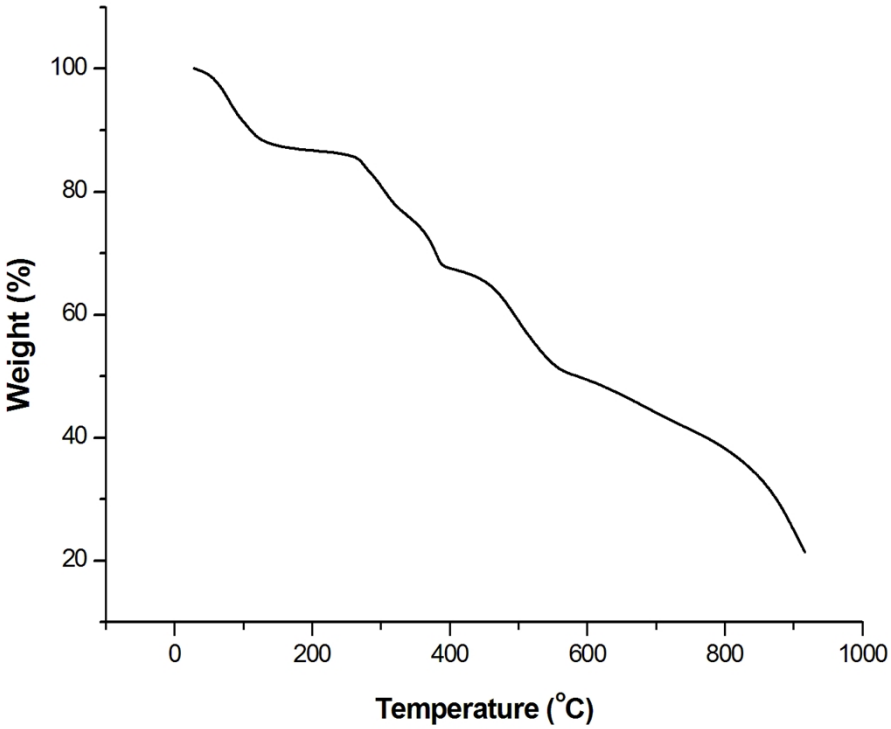

Figure S1. Thermal analysis for compound **1**.